

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

KOMP ES cell line *Xpnpep1tm1a(KOMP)Wtsi*

RRID:MMRRC_064843-UCD

Type: Organism

Proper Citation

RRID:MMRRC_064843-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=64843

Proper Citation: RRID:MMRRC_064843-UCD

Description: Mus musculus with name KOMP ES cell line *Xpnpep1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: abnormal mitral valve morphology [MP:0000286] abnormal cranium morphology [MP:0000438] enlarged liver sinusoidal spaces [MP:0000602] abnormal thymus morphology [MP:0000703] abnormal aortic valve morphology [MP:0002747] abnormal bile duct morphology [MP:0002928] abnormal eye muscle morphology [MP:0003686] abnormal Mullerian duct morphology [MP:0003826] abnormal inferior vena cava morphology [MP:0006063] abnormal superior vena cava morphology [MP:0006064] muscular ventricular septal defect [MP:0010420] abnormal inferior vena cava valve morphology [MP:0010490] preweaning lethality [MP:0011110] incomplete penetrance [MP:0013836] abnormal hypoglossal nerve topology [MP:0013848] subcutaneous edema [MP:0013875] trigeminal neuroma [MP:0013966] abnormal infrahyoid muscle morphology [MP:0013967] abnormal infrahyoid muscle connection [MP:0013971] blood in lymph vessels [MP:0013985] abnormal umbilical vein topology [MP:0013986] abnormal vitelline vein topology [MP:0014001] abnormal vertebral artery topology [MP:0014018] embryo tumor [MP:0014023] abnormal intestine placement [MP:0014086]

Affected Gene: |Xpnpep1|

Catalog Number: 064843-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_64843-UCD, MMRRC_064843, MMRRC_64843

Organism Name: KOMP ES cell line *Xpnpep1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055456+0000

Record Last Update: 20260815T130657+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Xpnpep1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Xpnpep1tm1a(KOMP)Wtsi*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.